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協同経営システムの物流に関する研究*

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A Study on Distribution of Cooperative Management System

by

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Abstract

This paper denotes the delivery activity and customers moving on the cooperative management system. We treat two problems in this paper. The first problem is the examination of optimal delivery methods for the cooperative management system.

The second is the relation between the traffic of the system and the traffic conditions in the area.

The cooperative management systems consist of small and medium – sized companies and managed cooperatively. These companies are manufacturers, wholesale dealers and retail dealers. The systems share their stores and sell the other's products or goods, and develop their new products. The Small and Medium Enterprise Agency in Japan is supporting these activities.

Several success cases for cooperative management systems are reported. When the plan for cooperative management system is examined, estimations are required of the profit, cost and the influence on the target area.

In this paper, we focus on the delivery activity on the cooperative management system and considered characteristics of the activity. We suppose that cars are used for delivery and customers moving, and we estimate the influence of the traffic quantity by introducing the cooperative management system.

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